

Project Subject/Title: White Birch Shelterwood cut
County: Washburn
TRS: T41N, R12W Sec. 11

Contact Person: Jim Halvorson, 715-635-4081
Type Of Prescription: Shelterwood
Year Initiated: 1997

Abstract/Prescription:

A treatment was initiated in 1997 to document the success of white birch regeneration after a shelterwood harvest (and site preparation) in Washburn county. The shelterwood harvest in a 13 acre white birch stand was first site prepped in 1997, two years before harvest. The soil was scarified to enhance the seed bed. Once seedlings were established the remaining trees will be harvested.

Results:

After the initial shelterwood cut, regeneration plots were established (38 plots). The birch seedlings ranged from 1 to 3 feet tall averaging 1.5 feet. Approximately 58% of the plots were stocked. There was white ash and red maple common throughout the stand. Scattered aspen were present and browsing was moderate on birch seedlings. On other white birch shelterwood harvests, similar or better results...same type of competition

Discussion/Recommendations:

- Site preparation is definitely recommended
- Shelterwood crown cover of no more than 30% is recommended for birch. logging with a Tomahawk rake on the blade

Site statistics:
Habitat Type AVDe